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SEQUENCE LISTING

<110> National Institute of Advanced Industrial Science and Technology
Takagi, Yasuomi

<120> A method for efficient preparation of dumbbell-shaped DNA

<130> FP-041PCT

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<150> JP P2003-206905

<151> 2003-08-08

<160> 25

<170> PatentIn Ver. 2.1

<210> 1

<211> 245

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic DNA

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aaggctgtta gagagataat tagaattaat ttgactgtaa acacaaagat attagtacaa 120

aatacgtgac gtagaaagta ataattttttt gggtagtttg cagttttaaa attatgtttt 180

aaaatggact atcataatgtt taccgttaact tgaaagtatt tcgattttttt ggctttatat 240

atctt 245

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<211> 104

<212> DNA

<213> Artificial Sequence

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ttggaaatct tataagtct gtatgagacc acagatcgat cccc 104

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<211> 86
<212> DNA
<213> Artificial Sequence

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<211> 14
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: synthetic DNA

<400> 4
ggntggnnng ntgg 14

<210> 5
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: synthetic DNA

<400> 5
ggntggnnng gntgg 15

<210> 6
<211> 16
<212> DNA
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<220>
<223> Description of Artificial Sequence: synthetic DNA

<400> 6
ggntggnnnn ggntgg 16

<210> 7
<211> 17
<212> DNA
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<220>
<223> Description of Artificial Sequence: synthetic DNA

<400> 7
ggnntggnnnn nngntgg

17

<210> 8
<211> 15
<212> DNA
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<220>
<223> Description of Artificial Sequence: synthetic DNA

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15

<210> 9
<211> 63
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: synthetic DNA

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ggctatgtct aggagtgtac ctagaattac atcaagggag atggtgcgct cctggacgta 60
gcc 63

<210> 10
<211> 53
<212> DNA
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<400> 10

ggtaattgg tagattaagc ggtgtctgt cccgcttcat ctgccaatg ccc 53

<210> 11

<211> 43

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: synthetic DNA

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ggaaattcac ctgcggcga gggtttccc agtcacgacg ttg 43

<210> 12

<211> 46

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: synthetic DNA

<400> 12

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<210> 13

<211> 34

<212> DNA

<213> Artificial Sequence

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<210> 14

<211> 59

<212> DNA

<213> Artificial Sequence

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cctcggccta tagtgagtgcg tattaggcgg gaaccgccta atacgactca ctataggcc 59

<210> 15

<211> 41

<212> DNA

<213> Artificial Sequence

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<210> 16

<211> 41

<212> DNA

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<210> 17

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<212> DNA

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<210> 18

<211> 44

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: synthetic DNA

<400> 18
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<210> 19
<211> 39
<212> DNA
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<400> 19
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<210> 20
<211> 44
<212> DNA
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<220>
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<400> 20
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<210> 21
<211> 417
<212> DNA
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<220>
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<400> 21
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gcctattttc catgattcct tcatatttgc atatacgata caaggctgtt agagagataa 120
ttagaattaa ttgactgtta aacacaaaga tattagtaca aaatacgtga cgtagaaaagt 180
aataatttct tggtagttt gcagtttaa aattatgttt taaaatggac tatcataatgc 240
ttaccgtaac ttgaaagtat ttcgatttct tggcttata tatcttgtgg aaaggacgaa 300
acaccggcta tgtcttaggat tgtacctaga attacatcaa gggagatggt gcgctcctgg 360
acgttagccctt ttccctgtgt gaaattgtta tccgctcgct taggtcaaaa gacctaa 417

<210> 22
<211> 93
<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: synthetic DNA

<400> 22

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gcttatata tcggatggaa aggacgaaac acc 93

<210> 23

<211> 109

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic DNA

<400> 23

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gtatttcgtat tcggatggctt tatatatctt gtggaaagga cggaaacacc 109

<210> 24

<211> 58

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic DNA

<400> 24

gcagaagcta tgaaacgatt tgcttcgtt cacaatcgat tcatacgatc tgctttt 58

<210> 25

<211> 240

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic DNA

<400> 25

tttcccatga ttccttcata ttgcatacgatcgtttagaga gataatttgc 60
attaatttgc ctgtaaacac aaagatatta gtacaaaata cgtgacgttgc 120
tttcttgggt agtttgcgtt tttaaaatca tggtttaaaa tggactatca tatgttttacc 180
gttacttggaa agtatttgcgtt ttatatatctt tggtggaaagg acgaaacacc 240